



S.N. 08/251133

In re PATENT APPLICATION of
Applicant: Inga et al. Docket: IS3
Proposed Art Unit: 2612 Proposed Class: 358/403
Title: Medical Image System with Progressive Resolution
a continuation of
Inventor: Inga et al. Docket: ISD
Filing Date: 03/04/94 Art Unit: 2612
Serial Number: 08/206,525 Proposed Class: 358/403
Title: Image Transmission System with Patterned Data Compression
a division of
Applicant: Inga et al. Examiner: Rogers, S.
Filing Date: 07/20/92 Art Unit 2612
Serial Number: 07/915,298 Class: 358/403
Title: (Amended) Variable Resolution Medical Image System

ABSTRACT OF THE DISCLOSURE

A storage, retrieval, and transmission system is configured to provide fast, efficient telecommunication access to digitized images (e.g., medical diagnostic X-ray images) to multiple requesting subscribers. Image data are downloaded, via the telephone lines, to a remote display terminal as a plurality of portions of a compressed digital image representation. Data from a first transmitted portion is used to construct a displayable image at the terminal. Data from subsequently transmitted portions are combined with the displayable image data to provide an image with an improved resolution.